BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK *: Improvements to kogilu main road to RV kalyana mantapa road and cross roads in kempegowda ward no-01*

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Estimate Cost Rs. 12.00 Lakhs Rate	Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 SR 2018-19								
		Cum							
	for CC road		3	25.00	5.00	0.275	103.13		
	for rcc drain		1	73.00	1.00	0.900	65.70		
							168.83	316.94	53507.00
	Basic Rate Rs	299.00							
	Add Area Weightage @ 6%	17.94							
	Total	**316.94**							
2	KSRB4.1.3: Providing and laying position plain cement concrete of Mix 1:4:8 with OPC cement @180Kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed , concrete laid in layers not exeecding 15 cms, thick, well compacted , in foundation , including cost of all materials, Labour , HOM of Machinery, Curing complete as per Specifications. Specifications No. KBS 4.1, 4.2 (P12/4.3). SR 2018-19								
	for cc road		3	25.00	5.00	0.15	56.25		
	for rcc drain		1	73.00	1.00	0.15	10.95		
							67.20	5408.12	363426.00
	Basic Rate	5102.00							
	Area Weightage @ 6%	306.12							
	Total	**5408.12**							
3	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification No.1500,1700,2200 Page No 271 Ite mo 37.59.2 SR 2018-19 (wall and bottom thickness 15cm.								
		Cum							
	Bottom raft								
			1	73.00	0.90	0.125	8.21		
	Side wall								
	New Drains								
			2	73.00	0.15	0.75	16.43		
							Total	**24.64**	7070.20	**174192.00**
	Basic Rate	6670.00							
	Add Area Weightage @ 6%	400.20							
	Total	**7070.20**							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
4	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. TMT bars Fe 500 KBS 4.6.3 Page No. 18/ Item No. 4.46/ PWD SR 2018-19								
		Tonne							
	for Drain 50kg/cum		1	24.64	50.00		1231.88		
	Total						**1231.88**		
	.. Basic Rate	70966.00					**1.23**	75223.96	**92667.00**
	Add Area Weightage @ 6%	4257.96							
	Total	**75223.96**							
5	Supplying and fixing **precast** rainforced concrete slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.(Drain covering slab)								
		Sqm							
			1	73.00	0.75		54.75		
						Total	**54.75**	2337.00	**127951.00**
	Data rate	2337.00							
6	KSRRB M600-6: cement concrete pavement, construction unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1051.2.2M20/M30 at 380/450 kg per cum, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing,), spreading the concrete with shovels, rackers compacted using needle, scred and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grade as per drawing complete as per specification M30(at 360kg per cum coarse aggregate @ 0.69cum and fine aggregare @ 0.46cum), , No. 174/ Item No. 22.6.1) SR 2018-19								
		Cum							
	for cc road		3	25.00	5.00	0.125	46.88		
	Basic Rate	4916.00					**46.88**	5210.96	**244264.00**
	Area Weightage @ 6%	294.96							
	Total	**5210.96**							
7	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19								
		Cum							
	Basic Rate for loading and unloading	57.00	Qty Vide Item No.1				**168.83**	87.56	**14782.00**
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							

Sl. No	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
8	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018						Sub total		1070789.00
									128494.68
9	Miscellaneous and unforeseen charges	Ls							716.32
							Total Ammount Rs.		1200000.00

(Rupees F lakhs only)

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The rates adopted are as per PW,P IWTD SR of 2018-19
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.
5) This work is not repeated in any other programs or Grants

Assistant Engineer
Ward No.1

Executive Engineer
Yelahanka-Division
B.B.M.P

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

Administrative Approval

Accorded For ..R1:12.00 L
Head of A/C....P:1771
CER NO :...192... Dt:25-2-19

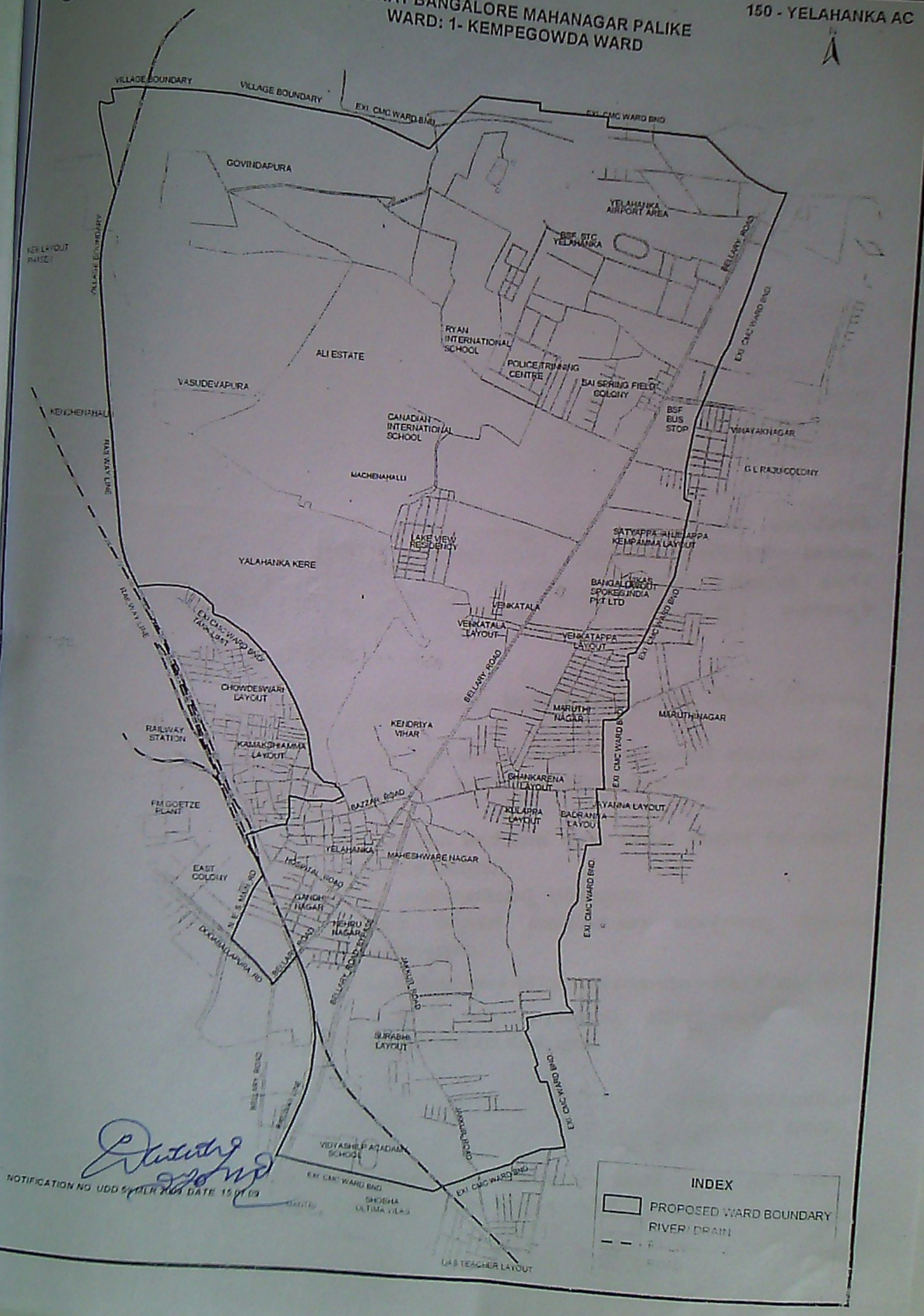
TA CE (YNK)

TECHNICALLY SANCTIONED FOR Rs. 12:00 Lacs
Rupees ....Twelve Lakhs only
Under P:1771-2018-19
Registered as CE ( ) No. 9 9
Subject to conditions contained in enclosed memo EE ( ) No. ...../9/
Dt..... Estimate A/ Sanctioned
EE/TE/33/18-19 No.....
Dated ..... Rs...12:00 Lacs

Executive Engineer

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 1- KEMPEGOWDA WARD

150 - YELAHANKA AC



NOTIFICATION NO UDD 5/DELR/2009 DATE 15.07.09